

TITLE: **Newport Boulevard Water Main Replacement**

CONTRACT NO.: 5481  
 ENGINEER'S ESTIMATE: \$3,400,000.00  
 PROJECT MANAGER: Andy Tran

BID LOCATION: City Clerk's Office - City Hall

DATE: 4/28/2015 TIME: 10:00 AM  
 BY: B. Davis CHECKED: A. Tran

ITEM	DESCRIPTION	QUANTITY		Engineer's Estimate		T.E. Roberts, Inc.		GRFCO, Inc.		Paulus Engineering, Inc.	
				UNIT \$	AMOUNT	UNIT \$	AMOUNT	UNIT \$	AMOUNT	UNIT \$	AMOUNT
1	Mobilization, Demobilization and Cleanup	1	LS	\$155,000.00	\$155,000.00	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$150,000.00	\$150,000.00
2	Furnish and Install 24" CML&TW Steel Pipe	2,612	LF	\$320.00	\$835,840.00	\$420.00	\$1,097,040.00	\$500.00	\$1,306,000.00	\$538.00	\$1,405,256.00
3	Furnish and Install 16" PVC Pipe (AWWA C-905 DR 18)	1,641	LF	\$240.00	\$393,840.00	\$225.00	\$369,225.00	\$275.00	\$451,275.00	\$323.00	\$530,043.00
4	Furnish and Install 16" DIP (Class 250) w/ restrained joints	120	LF	\$400.00	\$48,000.00	\$205.00	\$24,600.00	\$500.00	\$60,000.00	\$700.00	\$84,000.00
5	Connection to 20" Pipe at Central Ave & Via Oporto	1	LS	\$10,000.00	\$10,000.00	\$2,800.00	\$2,800.00	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00
6	Connection to 6" Pipe at Via Oporto	1	LS	\$10,000.00	\$10,000.00	\$8,300.00	\$8,300.00	\$10,000.00	\$10,000.00	\$7,700.00	\$7,700.00
7	Connection to 12" Pipe at Via Lido	1	LS	\$12,000.00	\$12,000.00	\$1,800.00	\$1,800.00	\$20,000.00	\$20,000.00	\$9,600.00	\$9,600.00
8	Connection to 8" Pipe at Finley Ave. (East)	1	LS	\$15,000.00	\$15,000.00	\$8,000.00	\$8,000.00	\$12,000.00	\$12,000.00	\$1,000.00	\$1,000.00
9	12" PVC Pipe (AWWA C-900 DR18) in Finley Ave. (West)	1	LS	\$50,000.00	\$50,000.00	\$55,000.00	\$55,000.00	\$40,000.00	\$40,000.00	\$98,000.00	\$98,000.00
10	12" PVC Pipe (AWWA C-900 DR18) in alley off Finley Ave (West)	1	LS	\$65,000.00	\$45,000.00	\$60,000.00	\$60,000.00	\$30,000.00	\$30,000.00	\$139,000.00	\$139,000.00
11	6" PVC Pipe (AWWA C-900 DR14) in 32rd St	1	LS	\$45,000.00	\$45,000.00	\$60,000.00	\$60,000.00	\$112,000.00	\$112,000.00	\$132,000.00	\$132,000.00
12	Connection to 8" Pipe within alley between 31st St & 30th St	1	LS	\$15,000.00	\$15,000.00	\$7,000.00	\$7,000.00	\$22,000.00	\$22,000.00	\$7,800.00	\$7,800.00
13	Connection to 8" and 6" Pipe at 30th St	1	LS	\$45,000.00	\$45,000.00	\$18,000.00	\$18,000.00	\$12,000.00	\$12,000.00	\$43,000.00	\$43,000.00
14	Connection to 8" Pipe within alley between 30th St & 29th St	1	LS	\$20,000.00	\$20,000.00	\$7,000.00	\$7,000.00	\$18,000.00	\$18,000.00	\$7,500.00	\$7,500.00
15	Connection to 8" Pipe at 29th St (East)	1	LS	\$20,000.00	\$20,000.00	\$7,000.00	\$7,000.00	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00
16	Connection to 6" Pipe at 29th St (West)	1	LS	\$20,000.00	\$20,000.00	\$6,900.00	\$6,900.00	\$16,000.00	\$16,000.00	\$7,200.00	\$7,200.00
17	Connection to 24" Pipe at 28th St	1	LS	\$10,000.00	\$10,000.00	\$17,000.00	\$17,000.00	\$30,000.00	\$30,000.00	\$11,300.00	\$11,300.00
18	8" PVC (AWWA C-900 DR14) in alley between 29th St & 28th St	1	LS	\$90,000.00	\$90,000.00	\$76,000.00	\$76,000.00	\$116,000.00	\$116,000.00	\$106,000.00	\$106,000.00
19	Connection to Existing 16" Pipe at 26th St	1	LS	\$15,000.00	\$15,000.00	\$19,000.00	\$19,000.00	\$28,000.00	\$28,000.00	\$7,450.00	\$7,450.00
20	Connection to 8" Fire Main (Sta. 52+75)	1	LS	\$20,000.00	\$20,000.00	\$9,000.00	\$9,000.00	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00
21	Connection to 8" Pipe at 22nd St	1	LS	\$30,000.00	\$30,000.00	\$11,000.00	\$11,000.00	\$14,000.00	\$14,000.00	\$27,000.00	\$27,000.00
22	Connection to 6" Pipe at 21st St	1	LS	\$24,000.00	\$24,000.00	\$8,200.00	\$8,200.00	\$10,000.00	\$10,000.00	\$16,000.00	\$16,000.00
23	Connection to 6" Pipe at 20th St (North)	1	LS	\$24,000.00	\$24,000.00	\$7,900.00	\$7,900.00	\$14,000.00	\$14,000.00	\$17,000.00	\$17,000.00
24	Connection to 12" Pipe at 20th St (South)	1	LS	\$12,000.00	\$12,000.00	\$13,000.00	\$13,000.00	\$28,000.00	\$28,000.00	\$20,000.00	\$20,000.00
25	Connection to 6" Pipe at 19th St	1	LS	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$16,000.00	\$16,000.00	\$9,200.00	\$9,200.00
26	Connection to 16" Pipe at 19th St	1	LS	\$25,000.00	\$25,000.00	\$4,000.00	\$4,000.00	\$22,000.00	\$22,000.00	\$12,000.00	\$12,000.00
27	24" Butterfly Valve and Valve Box	3	EA	\$10,000.00	\$30,000.00	\$12,000.00	\$36,000.00	\$12,000.00	\$36,000.00	\$11,400.00	\$34,200.00
28	20" Butterfly Valve and Valve Box	1	EA	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00
29	16" Butterfly Valve and Valve Box	6	EA	\$8,000.00	\$48,000.00	\$6,000.00	\$36,000.00	\$8,000.00	\$48,000.00	\$5,500.00	\$33,000.00
30	8" Cut-in Valve including Piping	2	EA	\$11,500.00	\$23,000.00	\$7,900.00	\$15,800.00	\$4,000.00	\$8,000.00	\$4,500.00	\$9,000.00
31	6" Cut-in Valve including Piping	1	EA	\$9,500.00	\$9,500.00	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00	\$2,260.00	\$2,260.00
32	8" Hot Tap on Existing 8" Pipe	1	EA	\$9,500.00	\$9,500.00	\$8,900.00	\$8,900.00	\$10,000.00	\$10,000.00	\$6,740.00	\$6,740.00
33	6" Hot Tap on Existing 6" Pipe	3	EA	\$7,500.00	\$22,500.00	\$8,000.00	\$24,000.00	\$8,000.00	\$24,000.00	\$5,800.00	\$17,400.00
34	Fire Hydrant	3	EA	\$8,000.00	\$24,000.00	\$12,000.00	\$36,000.00	\$4,000.00	\$12,000.00	\$7,400.00	\$22,200.00
35	Modified Fire Hydrant Assembly (Re-install existing hydrant)	2	EA	\$6,000.00	\$12,000.00	\$10,900.00	\$21,800.00	\$3,000.00	\$6,000.00	\$4,800.00	\$9,600.00
36	2" Air and Vacuum Valve Assembly	9	EA	\$7,000.00	\$63,000.00	\$9,800.00	\$88,200.00	\$4,000.00	\$36,000.00	\$4,000.00	\$36,000.00
37	1" Air and Vacuum Valve Assembly	4	EA	\$5,000.00	\$20,000.00	\$7,900.00	\$31,600.00	\$3,000.00	\$12,000.00	\$2,850.00	\$11,400.00
38	Test Bulkhead with Valve Box (Permanent)	1	EA	\$5,000.00	\$5,000.00	\$7,900.00	\$7,900.00	\$2,000.00	\$2,000.00	\$6,100.00	\$6,100.00
39	1" Service Connection	31	EA	\$2,800.00	\$86,800.00	\$4,000.00	\$124,000.00	\$1,500.00	\$46,500.00	\$1,600.00	\$49,600.00
40	2" Service Connection	5	EA	\$4,000.00	\$20,000.00	\$4,900.00	\$24,500.00	\$2,000.00	\$10,000.00	\$2,700.00	\$13,500.00
41	Insulating Flange and Test Station	2	EA	\$4,000.00	\$8,000.00	\$2,700.00	\$5,400.00	\$2,000.00	\$4,000.00	\$2,770.00	\$5,540.00
42	Anode and Anode Test Station	4	EA	\$5,000.00	\$20,000.00	\$2,100.00	\$8,400.00	\$2,000.00	\$8,000.00	\$1,471.00	\$5,884.00

**TITLE: Newport Boulevard Water Main Replacement**

**CONTRACT NO.:** 5481  
**ENGINEER'S ESTIMATE:** \$3,400,000.00  
**PROJECT MANAGER:** Andy Tran

**BID LOCATION:** City Clerk's Office - City Hall

**DATE:** 4/28/2015 **TIME:** 10:00 AM  
**BY:** B. Davis **CHECKED:** A. Tran

43	Reconstruct 8" Sewer (VCP) in Finley Ave (West)	1	LS	\$30,000.00	\$30,000.00	\$18,000.00	\$18,000.00	\$10,000.00	\$10,000.00	\$45,000.00	\$45,000.00
44	8" Sewer Spot Repair	100	LF	\$400.00	\$40,000.00	\$300.00	\$30,000.00	\$400.00	\$40,000.00	\$450.00	\$45,000.00
45	10" Sewer Spot Repair	15	LF	\$600.00	\$9,000.00	\$750.00	\$11,250.00	\$400.00	\$6,000.00	\$800.00	\$12,000.00
46	8" Sewer (VCP) and Connection to OCSD Manhole	1	LS	\$60,000.00	\$60,000.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$5,800.00	\$5,800.00
47	Pothole Utilities and Connections	220	EA	\$800.00	\$176,000.00	\$1,300.00	\$286,000.00	\$100.00	\$22,000.00	\$700.00	\$154,000.00
48	Pressure Test, Disinfect and Flush New Mains	1	LS	\$20,000.00	\$20,000.00	\$19,000.00	\$19,000.00	\$15,000.00	\$15,000.00	\$33,000.00	\$33,000.00
49	Abandon Existing 20/16" Water Main from Via Oporto to 29th St	1	LS	\$35,000.00	\$35,000.00	\$22,000.00	\$22,000.00	\$5,000.00	\$5,000.00	\$18,000.00	\$18,000.00
50	Abandon Existing 16" Water Main from 26th St to 19th St	1	LS	\$20,000.00	\$20,000.00	\$18,000.00	\$18,000.00	\$5,000.00	\$5,000.00	\$5,300.00	\$5,300.00
51	Replace Traffic Loops Damaged by Construction	72	EA	\$270.00	\$19,440.00	\$400.00	\$28,800.00	\$400.00	\$28,800.00	\$300.00	\$21,600.00
52	Grind AC and Place Final Asphalt Pavement Overlay	40,000	SF	\$2.50	\$100,000.00	\$2.50	\$100,000.00	\$2.00	\$80,000.00	\$2.53	\$101,200.00
53	Remove and Replace Existing Curb, Gutter, Sidewalk, Access Ramps and Driveways	1	LS	\$40,000.00	\$40,000.00	\$33,000.00	\$33,000.00	\$15,000.00	\$15,000.00	\$160,000.00	\$160,000.00
54	Remove and Replace Existing Stamped Concrete and Landscaping within Median	1	LS	\$8,000.00	\$8,000.00	\$11,000.00	\$11,000.00	\$15,000.00	\$15,000.00	\$3,200.00	\$3,200.00
55	Additional 3/4" Rock Backfill in Ground Water or Unstable Conditions	800	CY	\$100.00	\$80,000.00	\$23.00	\$18,400.00	\$50.00	\$40,000.00	\$150.00	\$120,000.00
56	Traffic Control	1	LS	\$80,000.00	\$80,000.00	\$19,000.00	\$19,000.00	\$20,000.00	\$20,000.00	\$47,000.00	\$47,000.00
57	Surveying Services	1	LS	\$18,000.00	\$18,000.00	\$16,000.00	\$16,000.00	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00
58	Provide As-Built Drawings	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
59	Project Dewatering: Procure, Implement, & Conform to OCSD Permit	1	LS	\$20,000.00	\$20,000.00	\$124,000.00	\$124,000.00	\$15,000.00	\$15,000.00	\$56,000.00	\$56,000.00
60	Excavation Safety	1	LS	\$19,580.00	\$19,580.00	\$10,000.00	\$10,000.00	\$650,000.00	\$650,000.00	\$6,000.00	\$6,000.00
61	Remove and Replace Concrete Pavement (Full Panels)	20,000	SF	\$10.00	\$200,000.00	\$15.00	\$300,000.00	\$10.00	\$200,000.00	\$9.51	\$190,200.00
				EE	\$3,400,000.00	LOW	\$3,511,515.00	2ND	\$3,949,575.00	3RD	\$4,198,773.00
										AS READ =	\$4,199,023.00

ITEM	DESCRIPTION	QUANTITY		Engineer's Estimate		Trautwein Construction, Inc.		Vido Artukovich & Son, Inc.		JA Salazar Construction & Supply Co	
				UNIT \$	AMOUNT	UNIT \$	AMOUNT	UNIT \$	AMOUNT	UNIT \$	AMOUNT
1	Mobilization, Demobilization and Cleanup	1	LS	\$155,000.00	\$155,000.00	\$235,000.00	\$235,000.00	\$135,000.00	\$135,000.00	\$180,000.00	\$180,000.00
2	Furnish and Install 24" CML&TW Steel Pipe	2,612	LF	\$320.00	\$835,840.00	\$580.00	\$1,514,960.00	\$485.00	\$1,266,820.00	\$402.00	\$1,050,024.00
3	Furnish and Install 16" PVC Pipe (AWWA C-905 DR 18)	1,641	LF	\$240.00	\$393,840.00	\$405.00	\$664,605.00	\$370.00	\$607,170.00	\$300.00	\$492,300.00
4	Furnish and Install 16" DIP (Class 250) w/ restrained joints	120	LF	\$400.00	\$48,000.00	\$500.00	\$60,000.00	\$250.00	\$30,000.00	\$320.00	\$38,400.00
5	Connection to 20" Pipe at Central Ave & Via Oporto	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00
6	Connection to 6" Pipe at Via Oporto	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
7	Connection to 12" Pipe at Via Lido	1	LS	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
8	Connection to 8" Pipe at Finley Ave. (East)	1	LS	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
9	12" PVC Pipe (AWWA C-900 DR18) in Finley Ave. (West)	1	LS	\$50,000.00	\$50,000.00	\$100,000.00	\$100,000.00	\$70,000.00	\$70,000.00	\$75,000.00	\$75,000.00
10	12" PVC Pipe (AWWA C-900 DR18) in alley off Finley Ave (West)	1	LS	\$65,000.00	\$65,000.00	\$80,000.00	\$80,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
11	6" PVC Pipe (AWWA C-900 DR14) in 32rd St	1	LS	\$45,000.00	\$45,000.00	\$100,000.00	\$100,000.00	\$70,000.00	\$70,000.00	\$60,000.00	\$60,000.00
12	Connection to 8" Pipe within alley between 31st St & 30th St	1	LS	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
13	Connection to 8" and 6" Pipe at 30th St	1	LS	\$45,000.00	\$45,000.00	\$35,000.00	\$35,000.00	\$100,000.00	\$100,000.00	\$15,000.00	\$15,000.00
14	Connection to 8" Pipe within alley between 30th St & 29th St	1	LS	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
15	Connection to 8" Pipe at 29th St (East)	1	LS	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
16	Connection to 6" Pipe at 29th St (West)	1	LS	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
17	Connection to 24" Pipe at 28th St	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00



**TITLE: Newport Boulevard Water Main Replacement**

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**ENGINEER'S ESTIMATE:** \$3,400,000.00  
**PROJECT MANAGER:** Andy Tran

**BID LOCATION:** City Clerk's Office - City Hall

**DATE:** 4/28/2015 **TIME:** 10:00 AM  
**BY:** B. Davis **CHECKED:** A. Tran

59	Project Dewatering: Procure, Implement, & Conform to OCSD Permit	1	LS	\$20,000.00	\$20,000.00	\$300,000.00	\$300,000.00	\$160,000.00	\$160,000.00	\$200,000.00	\$200,000.00
60	Excavation Safety	1	LS	\$19,580.00	\$19,580.00	\$80,000.00	\$80,000.00	\$100,000.00	\$100,000.00	\$150,000.00	\$150,000.00
61	Remove and Replace Concrete Pavement (Full Panels)	20,000	SF	\$10.00	\$200,000.00	\$12.00	\$240,000.00	\$16.00	\$320,000.00		
				<b>EE</b>	<b>\$3,400,000.00</b>	<b>4TH</b>	<b>\$4,665,365.00</b>	<b>5TH</b>	<b>\$4,713,190.00</b>	<b>6TH</b>	<b>\$4,722,674.00</b>

ITEM	DESCRIPTION	QUANTITY		Engineer's Estimate		Lonerock Inc.		CCL Contracting, Inc.		Mike Bubalo Construction Co.	
				UNIT \$	AMOUNT	UNIT \$	AMOUNT	UNIT \$	AMOUNT	UNIT \$	AMOUNT
1	Mobilization, Demobilization and Cleanup	1	LS	\$155,000.00	\$155,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$500,000.00	\$500,000.00
2	Furnish and Install 24" CML&TW Steel Pipe	2,612	LF	\$320.00	\$835,840.00	\$577.00	\$1,507,124.00	\$532.00	\$1,389,584.00	\$700.00	\$1,828,400.00
3	Furnish and Install 16" PVC Pipe (AWWA C-905 DR 18)	1,641	LF	\$240.00	\$393,840.00	\$457.00	\$749,937.00	\$435.00	\$713,835.00	\$500.00	\$820,500.00
4	Furnish and Install 16" DIP (Class 250) w/ restrained joints	120	LF	\$400.00	\$48,000.00	\$550.00	\$66,000.00	\$483.00	\$57,960.00	\$400.00	\$48,000.00
5	Connection to 20" Pipe at Central Ave & Via Oporto	1	LS	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$24,000.00	\$24,000.00	\$60,000.00	\$60,000.00
6	Connection to 6" Pipe at Via Oporto	1	LS	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
7	Connection to 12" Pipe at Via Lido	1	LS	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$24,000.00	\$24,000.00	\$30,000.00	\$30,000.00
8	Connection to 8" Pipe at Finley Ave. (East)	1	LS	\$15,000.00	\$15,000.00	\$8,000.00	\$8,000.00	\$32,000.00	\$32,000.00	\$25,000.00	\$25,000.00
9	12" PVC Pipe (AWWA C-900 DR18) in Finley Ave. (West)	1	LS	\$50,000.00	\$50,000.00	\$75,000.00	\$75,000.00	\$66,000.00	\$66,000.00	\$20,000.00	\$20,000.00
10	12" PVC Pipe (AWWA C-900 DR18) in alley off Finley Ave (West)	1	LS	\$65,000.00	\$45,000.00	\$75,000.00	\$75,000.00	\$127,000.00	\$127,000.00	\$60,000.00	\$60,000.00
11	6" PVC Pipe (AWWA C-900 DR14) in 32rd St	1	LS	\$45,000.00	\$45,000.00	\$70,000.00	\$70,000.00	\$98,000.00	\$98,000.00	\$30,000.00	\$30,000.00
12	Connection to 8" Pipe within alley between 31st St & 30th St	1	LS	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00	\$22,000.00	\$22,000.00	\$25,000.00	\$25,000.00
13	Connection to 8" and 6" Pipe at 30th St	1	LS	\$45,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$74,000.00	\$74,000.00	\$30,000.00	\$30,000.00
14	Connection to 8" Pipe within alley between 30th St & 29th St	1	LS	\$20,000.00	\$20,000.00	\$7,500.00	\$7,500.00	\$22,000.00	\$22,000.00	\$25,000.00	\$25,000.00
15	Connection to 8" Pipe at 29th St (East)	1	LS	\$20,000.00	\$20,000.00	\$17,000.00	\$17,000.00	\$22,000.00	\$22,000.00	\$25,000.00	\$25,000.00
16	Connection to 6" Pipe at 29th St (West)	1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$24,000.00	\$24,000.00	\$25,000.00	\$25,000.00
17	Connection to 24" Pipe at 28th St	1	LS	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$27,000.00	\$27,000.00	\$30,000.00	\$30,000.00
18	8" PVC (AWWA C-900 DR14) in alley between 29th St & 28th St	1	LS	\$90,000.00	\$90,000.00	\$75,000.00	\$75,000.00	\$143,000.00	\$143,000.00	\$30,000.00	\$30,000.00
19	Connection to Existing 16" Pipe at 26th St	1	LS	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$23,000.00	\$23,000.00	\$30,000.00	\$30,000.00
20	Connection to 8" Fire Main (Sta. 52+75)	1	LS	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$34,000.00	\$34,000.00	\$30,000.00	\$30,000.00
21	Connection to 8" Pipe at 22nd St	1	LS	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00	\$39,000.00	\$39,000.00	\$30,000.00	\$30,000.00
22	Connection to 6" Pipe at 21st St	1	LS	\$24,000.00	\$24,000.00	\$15,000.00	\$15,000.00	\$33,000.00	\$33,000.00	\$25,000.00	\$25,000.00
23	Connection to 6" Pipe at 20th St (North)	1	LS	\$24,000.00	\$24,000.00	\$17,000.00	\$17,000.00	\$33,000.00	\$33,000.00	\$25,000.00	\$25,000.00
24	Connection to 12" Pipe at 20th St (South)	1	LS	\$12,000.00	\$12,000.00	\$25,000.00	\$25,000.00	\$34,000.00	\$34,000.00	\$30,000.00	\$30,000.00
25	Connection to 6" Pipe at 19th St	1	LS	\$20,000.00	\$20,000.00	\$9,000.00	\$9,000.00	\$24,000.00	\$24,000.00	\$20,000.00	\$20,000.00
26	Connection to 16" Pipe at 19th St	1	LS	\$25,000.00	\$25,000.00	\$47,500.00	\$47,500.00	\$33,000.00	\$33,000.00	\$25,000.00	\$25,000.00
27	24" Butterfly Valve and Valve Box	3	EA	\$10,000.00	\$30,000.00	\$25,000.00	\$75,000.00	\$11,500.00	\$34,500.00	\$12,000.00	\$36,000.00
28	20" Butterfly Valve and Valve Box	1	EA	\$9,000.00	\$9,000.00	\$18,000.00	\$18,000.00	\$8,000.00	\$8,000.00	\$7,000.00	\$7,000.00
29	16" Butterfly Valve and Valve Box	6	EA	\$8,000.00	\$48,000.00	\$15,000.00	\$90,000.00	\$6,000.00	\$36,000.00	\$5,000.00	\$30,000.00
30	8" Cut-in Valve including Piping	2	EA	\$11,500.00	\$23,000.00	\$8,000.00	\$16,000.00	\$7,250.00	\$14,500.00	\$15,000.00	\$30,000.00
31	6" Cut-in Valve including Piping	1	EA	\$9,500.00	\$9,500.00	\$6,000.00	\$6,000.00	\$7,000.00	\$7,000.00	\$15,000.00	\$15,000.00
32	8" Hot Tap on Existing 8" Pipe	1	EA	\$9,500.00	\$9,500.00	\$7,000.00	\$7,000.00	\$7,800.00	\$7,800.00	\$10,000.00	\$10,000.00
33	6" Hot Tap on Existing 6" Pipe	3	EA	\$7,500.00	\$22,500.00	\$5,000.00	\$15,000.00	\$6,700.00	\$20,100.00	\$9,000.00	\$27,000.00
34	Fire Hydrant	3	EA	\$8,000.00	\$24,000.00	\$8,000.00	\$24,000.00	\$12,000.00	\$36,000.00	\$20,000.00	\$60,000.00
35	Modified Fire Hydrant Assembly (Re-install existing hydrant)	2	EA	\$6,000.00	\$12,000.00	\$7,500.00	\$15,000.00	\$4,850.00	\$9,700.00	\$15,000.00	\$30,000.00
36	2" Air and Vacuum Valve Assembly	9	EA	\$7,000.00	\$63,000.00	\$7,000.00	\$63,000.00	\$11,500.00	\$103,500.00	\$15,000.00	\$135,000.00

**TITLE: Newport Boulevard Water Main Replacement**

CONTRACT NO.: 5481  
 ENGINEER'S ESTIMATE: \$3,400,000.00  
 PROJECT MANAGER: Andy Tran

BID LOCATION: City Clerk's Office - City Hall

DATE: 4/28/2015 TIME: 10:00 AM  
 BY: B. Davis CHECKED: A. Tran

37	1" Air and Vacuum Valve Assembly	4	EA	\$5,000.00	\$20,000.00	\$6,000.00	\$24,000.00	\$8,750.00	\$35,000.00	\$10,000.00	\$40,000.00
38	Test Bulkhead with Valve Box (Permanent)	1	EA	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$11,000.00	\$11,000.00	\$20,000.00	\$20,000.00
39	1" Service Connection	31	EA	\$2,800.00	\$86,800.00	\$1,250.00	\$38,750.00	\$3,600.00	\$111,600.00	\$2,000.00	\$62,000.00
40	2" Service Connection	5	EA	\$4,000.00	\$20,000.00	\$2,750.00	\$13,750.00	\$5,000.00	\$25,000.00	\$3,000.00	\$15,000.00
41	Insulating Flange and Test Station	2	EA	\$4,000.00	\$8,000.00	\$7,000.00	\$14,000.00	\$4,000.00	\$8,000.00	\$10,000.00	\$20,000.00
42	Anode and Anode Test Station	4	EA	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$2,500.00	\$10,000.00	\$6,000.00	\$24,000.00
43	Reconstruct 8" Sewer (VCP) in Finley Ave (West)	1	LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00
44	8" Sewer Spot Repair	100	LF	\$400.00	\$40,000.00	\$400.00	\$40,000.00	\$130.00	\$13,000.00	\$220.00	\$22,000.00
45	10" Sewer Spot Repair	15	LF	\$600.00	\$9,000.00	\$1,000.00	\$15,000.00	\$500.00	\$7,500.00	\$220.00	\$3,300.00
46	8" Sewer (VCP) and Connection to OCSD Manhole	1	LS	\$60,000.00	\$60,000.00	\$5,000.00	\$5,000.00	\$147,000.00	\$147,000.00	\$10,000.00	\$10,000.00
47	Pothole Utilities and Connections	220	EA	\$800.00	\$176,000.00	\$500.00	\$110,000.00	\$875.00	\$192,500.00	\$600.00	\$132,000.00
48	Pressure Test, Disinfect and Flush New Mains	1	LS	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$23,000.00	\$23,000.00	\$80,000.00	\$80,000.00
49	Abandon Existing 20/16" Water Main from Via Oporto to 29th St	1	LS	\$35,000.00	\$35,000.00	\$15,000.00	\$15,000.00	\$41,000.00	\$41,000.00	\$10,000.00	\$10,000.00
50	Abandon Existing 16" Water Main from 26th St to 19th St	1	LS	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$16,000.00	\$16,000.00	\$10,000.00	\$10,000.00
51	Replace Traffic Loops Damaged by Construction	72	EA	\$270.00	\$19,440.00	\$350.00	\$25,200.00	\$400.00	\$28,800.00	\$300.00	\$21,600.00
52	Grind AC and Place Final Asphalt Pavement Overlay	40,000	SF	\$2.50	\$100,000.00	\$2.30	\$92,000.00	\$2.25	\$90,000.00	\$5.00	\$200,000.00
53	Remove and Replace Existing Curb, Gutter, Sidewalk, Access Ramps and Driveways	1	LS	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00	\$23,000.00	\$23,000.00	\$30,000.00	\$30,000.00
54	Remove and Replace Existing Stamped Concrete and Landscaping within Median	1	LS	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00	\$11,500.00	\$11,500.00	\$90,000.00	\$90,000.00
55	Additional 3/4" Rock Backfill in Ground Water or Unstable Conditions	800	CY	\$100.00	\$80,000.00	\$65.00	\$52,000.00	\$58.00	\$46,400.00	\$60.00	\$48,000.00
56	Traffic Control	1	LS	\$80,000.00	\$80,000.00	\$55,000.00	\$55,000.00	\$52,000.00	\$52,000.00	\$100,000.00	\$100,000.00
57	Surveying Services	1	LS	\$18,000.00	\$18,000.00	\$7,000.00	\$7,000.00	\$23,000.00	\$23,000.00	\$20,000.00	\$20,000.00
58	Provide As-Built Drawings	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
59	Project Dewatering: Procure, Implement, & Conform to OCSD Permit	1	LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$230,000.00	\$230,000.00	\$600,000.00	\$600,000.00
60	Excavation Safety	1	LS	\$19,580.00	\$19,580.00	\$173,000.00	\$173,000.00	\$50,000.00	\$50,000.00	\$130,000.00	\$130,000.00
61	Remove and Replace Concrete Pavement (Full Panels)	20,000	SF	\$10.00	\$200,000.00	\$25.00	\$500,000.00	\$15.00	\$300,000.00	\$40.00	\$800,000.00
				EE	\$3,400,000.00	7TH	\$4,888,761.00	8TH	\$5,226,779.00	9TH	\$6,739,800.00